**Résultats First stage 18/09/20, HS10**

**reghdfe lprix\_fob\_wgt llprix\_fob\_wgt ds\_tariff\_lise if mode=="air", a(FEc= cntry FEs= sector\_3d) vce (ro) resid**

**tabstat beta\_lag\_price sd\_lag\_prix\_fob\_wgt t\_student\_lag\_pfob beta\_Fds\_tariff\_lise sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within if mode =="air", s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)**

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

beta\_lag\_p~e | 0.6235 0.6221 0.6234 0.6253 0.0046 0.6149 0.6315

sd\_lag\_pri~t | 0.0033 0.0032 0.0032 0.0033 0.0001 0.0032 0.0033

t\_student\_~b | 191.6135 188.4099 192.1230 194.6558 3.5005 186.4983 196.0326

**beta\_Fds\_t~e | -0.0379 -0.1389 -0.0538 -0.0021 0.1593 -0.2166 0.3030**

sd\_tariff | 0.0028 0.0021 0.0027 0.0035 0.0008 0.0020 0.0037

t\_student\_~f | 12.7371 -48.4008 -20.1083 73.8751 89.9434 -50.9205 142.0856

F\_stat | 1.84e+04 1.78e+04 1.85e+04 1.89e+04 672.0254 1.74e+04 1.92e+04

**F\_stat\_tar~f | 0.4802 0.0242 0.1767 0.8833 0.6063 0.0079 1.6654**

adj\_r\_square | 0.6369 0.6306 0.6357 0.6436 0.0080 0.6276 0.6481

r\_square\_w~n | 0.3882 0.3822 0.3890 0.3919 0.0063 0.3806 0.3986

------------------------------------------------------------------------------------

. tabstat beta\_lag\_price sd\_lag\_prix\_fob\_wgt t\_student\_lag\_pfob beta\_Fds\_tariff\_lise sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within if mode =="ves", s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

beta\_lag\_p~e | 0.7018 0.6947 0.7043 0.7073 0.0090 0.6873 0.7149

sd\_lag\_pri~t | 0.0036 0.0036 0.0036 0.0037 0.0001 0.0035 0.0037

t\_student\_~b | 193.9111 191.4088 194.0951 196.0205 2.9733 189.6637 198.5766

**beta\_Fds\_t~e | -0.9321 -1.1997 -0.8794 -0.6732 0.2687 -1.2975 -0.6544**

sd\_tariff | 0.0037 0.0037 0.0037 0.0037 . 0.0037 0.0037

t\_student\_~f | -342.5224 -342.5224 -342.5224 -342.5224 . -342.5224 -342.5224

F\_stat | 1.88e+04 1.83e+04 1.88e+04 1.92e+04 580.0121 1.80e+04 1.97e+04

**F\_stat\_tar~f | 17.8979 9.9715 13.5007 27.0089 10.2464 7.3978 34.8232**

adj\_r\_square | 0.7579 0.7509 0.7607 0.7623 0.0064 0.7494 0.7656

r\_square\_w~n | 0.4942 0.4834 0.4931 0.5057 0.0127 0.4770 0.5123

------------------------------------------------------------------------------------

**Graph beta lag, air**

****

**Graph beta lag, ves**

****

**Graph beta tariff, air**

****

**Graph beta tariff, ves**

****

**\*\*\*Both modes\*\*\*\*\***

**tabstat beta\_lag\_price sd\_lag\_prix\_fob\_wgt t\_student\_lag\_pfob beta\_Fds\_tariff\_lise sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within, s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)**

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

beta\_lag\_p~e | 0.7476 0.7437 0.7459 0.7527 0.0064 0.7385 0.7578

sd\_lag\_pri~t | 0.0021 0.0020 0.0021 0.0021 0.0000 0.0020 0.0021

t\_student\_~b | 363.4512 360.0820 361.8896 365.9798 5.5087 357.1555 374.5510

**beta\_Fds\_t~e | -0.3533 -0.4959 -0.3274 -0.1950 0.1766 -0.6239 -0.1657**

sd\_tariff | 0.0015 0.0012 0.0015 0.0018 0.0003 0.0012 0.0018

t\_student\_~f | -286.0466 -403.9017 -292.6142 -161.6239 121.2723 -403.9017 -161.6239

F\_stat | 6.61e+04 6.48e+04 6.55e+04 6.70e+04 2020.9199 6.38e+04 7.02e+04

**F\_stat\_tar~f | 6.0900 1.6878 4.4573 10.3630 5.2570 0.8415 14.8620**

adj\_r\_square | 0.7684 0.7637 0.7677 0.7717 0.0052 0.7628 0.7779

r\_square\_w~n | 0.5589 0.5544 0.5608 0.5628 0.0053 0.5505 0.5646

**beta lag**



**Beta tariff**



**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*NO LAGGED PRICE AS DEP VAR\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**reghdfe lprix\_fob\_wgt ds\_tariff\_lise if mode=="air", a(FEc= cntry FEs= sector\_3d) vce (ro) resid**

. \*\*\*\*a few useful descriptive statistics\*\*\*\*\*

tabstat beta\_Fds\_tariff\_lise sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within if mode =="air", s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

**beta\_Fds\_t~e | -0.0344 -0.2296 -0.0217 0.1309 0.2559 -0.4072 0.3726**

sd\_tariff | 0.2171 0.2040 0.2149 0.2287 0.0142 0.2030 0.2388

t\_student\_~f | -0.1892 -1.1300 -0.0946 0.6043 1.1521 -1.8336 1.5603

F\_stat | 1.1973 0.0274 0.9178 2.1618 1.2566 0.0019 3.3621

**F\_stat\_tar~f | 1.1973 0.0274 0.9178 2.1618 1.2566 0.0019 3.3621**

adj\_r\_square | 0.4066 0.4005 0.4062 0.4115 0.0083 0.3958 0.4210

r\_square\_w~n | 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

------------------------------------------------------------------------------------

. tabstat beta\_Fds\_tariff\_lise sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within if mode =="ves", s(mean p25 med p

> 75 sd min max) columns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

**beta\_Fds\_t~e | -0.4221 -0.5872 -0.4530 -0.2644 0.2748 -0.8219 0.0546**

sd\_tariff | 0.2380 0.2270 0.2372 0.2525 0.0187 0.2075 0.2626

t\_student\_~f | -1.7702 -2.5537 -1.8969 -1.1645 1.1456 -3.1667 0.2352

F\_stat | 4.2819 1.6284 3.6045 6.8531 3.7709 0.0553 10.0282

**F\_stat\_tar~f | 4.2819 1.6284 3.6045 6.8531 3.7709 0.0553 10.0282**

adj\_r\_square | 0.5213 0.5171 0.5187 0.5242 0.0065 0.5158 0.5345

r\_square\_w~n | 0.0000 0.0000 0.0000 0.0001 0.0000 0.0000 0.0001

------------------------------------------------------------------------------------

**Graph tariff, air**



**Graph tariff, vessel**



**“Both modes”**

. tabstat beta\_Fds\_tariff\_lise sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within, s(mean p25 med p75 sd min max) c olumns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

**beta\_Fds\_t~e | -0.0240 -0.1878 0.0350 0.1057 0.1739 -0.2865 0.1884**

sd\_tariff | 0.1783 0.1687 0.1764 0.1880 0.0117 0.1641 0.1964

t\_student\_~f | -0.1380 -1.0549 0.1959 0.5749 0.9775 -1.6123 1.0764

F\_stat | 0.8550 0.1116 0.6910 1.3089 0.8778 0.0179 2.5994

**F\_stat\_tar~f | 0.8550 0.1116 0.6910 1.3089 0.8778 0.0179 2.5994**

adj\_r\_square | 0.4749 0.4697 0.4725 0.4791 0.0075 0.4672 0.4900

r\_square\_w~n | 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

------------------------------------------------------------------------------------

**Graph tariff**

****

**Résultats First stage 18/09/20, HS6**

**reghdfe lprix\_fob\_wgt llprix\_fob\_wgt ds\_tariff\_lise if mode=="air", a(FEc= cntry FEs= sector\_3d) vce (ro) resid**

**. \*\*\*\*a few useful descriptive statistics\*\*\*\*\***

. tabstat beta\_lag\_price sd\_lag\_prix\_fob\_wgt t\_student\_lag\_pfob beta\_Fds\_tariff\_lise sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within if mode =="air", s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

beta\_lag\_p~e | 0.6224 0.6200 0.6217 0.6259 0.0059 0.6118 0.6319

sd\_lag\_pri~t | 0.0046 0.0046 0.0046 0.0047 0.0001 0.0044 0.0047

t\_student\_~b | 135.0677 132.7413 135.5376 135.8674 3.1098 131.0351 141.2138

**beta\_Fds\_t~e | -0.2773 -0.4781 -0.2424 -0.1101 0.2199 -0.5801 0.0231**

sd\_tariff | 0.0013 0.0008 0.0013 0.0019 0.0008 0.0008 0.0019

t\_student\_~f | -329.2307 -670.8023 -329.2307 12.3408 483.0552 -670.8023 12.3408

F\_stat | 9127.2685 8812.0416 9186.7212 9231.4992 422.8194 8586.3696 9971.2548

**F\_stat\_tar~f | 2.2511 0.2028 1.4363 4.0503 2.5010 0.0084 6.6216**

adj\_r\_square | 0.6464 0.6410 0.6444 0.6519 0.0075 0.6377 0.6593

r\_square\_w~n | 0.3864 0.3806 0.3842 0.3912 0.0074 0.3795 0.3999

------------------------------------------------------------------------------------

. tabstat beta\_lag\_price sd\_lag\_prix\_fob\_wgt t\_student\_lag\_pfob beta\_Fds\_tariff\_lise sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within if mode =="ves", s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

beta\_lag\_p~e | 0.6989 0.6944 0.6982 0.7061 0.0095 0.6815 0.7123

sd\_lag\_pri~t | 0.0049 0.0048 0.0049 0.0050 0.0001 0.0047 0.0051

t\_student\_~b | 142.9488 140.2992 143.7399 144.3943 3.0018 138.7833 147.9399

**beta\_Fds\_t~e | -0.5522 -0.7000 -0.5381 -0.4282 0.1546 -0.7372 -0.3478**

sd\_tariff | 0.0019 0.0015 0.0019 0.0022 0.0005 0.0015 0.0022

t\_student\_~f | -391.7323 -482.2373 -391.7323 -301.2273 127.9934 -482.2373 -301.2273

F\_stat | 1.02e+04 9842.9397 1.03e+04 1.04e+04 432.3328 9630.4038 1.10e+04

**F\_stat\_tar~f | 5.9974 3.2919 5.8857 7.9962 3.1537 2.1600 11.4715**

adj\_r\_square | 0.7661 0.7601 0.7693 0.7712 0.0073 0.7533 0.7741

r\_square\_w~n | 0.4898 0.4803 0.4905 0.5009 0.0139 0.4662 0.5084

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**Beta lag price, air**

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**Beta lag price, ves**

****

**Beta tariff, air**

**Beta tariff, ves**

****

**Both modes**

**Stat desc**

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

beta\_lag\_p~e | 0.7549 0.7506 0.7540 0.7597 0.0070 0.7447 0.7658

sd\_lag\_pri~t | 0.0028 0.0028 0.0028 0.0028 0.0000 0.0027 0.0029

t\_student\_~b | 268.3285 265.8664 266.6953 271.1877 4.0290 264.3788 274.7507

**beta\_Fds\_t~e | -0.3863 -0.4807 -0.3751 -0.2944 0.1352 -0.6056 -0.1842**

sd\_tariff | 0.0012 0.0012 0.0012 0.0012 . 0.0012 0.0012

t\_student\_~f | -484.9266 -484.9266 -484.9266 -484.9266 . -484.9266 -484.9266

F\_stat | 3.60e+04 3.53e+04 3.56e+04 3.68e+04 1090.3271 3.49e+04 3.78e+04

**F\_stat\_tar~f | 5.7023 2.6507 4.5451 7.8164 4.3635 0.9782 14.6160**

adj\_r\_square | 0.7729 0.7695 0.7737 0.7759 0.0041 0.7667 0.7787

r\_square\_w~n | 0.5700 0.5665 0.5699 0.5754 0.0059 0.5598 0.5766

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**Graph lag price**

****

**Graph tariff**

****

**Résultats First stage 18/01/21, SITC5**

**Both modes**

**reghdfe lprix\_fob llprix\_fob ds\_tariff\_lise, a(FEc= cntry FEs= sector\_3d) vce (ro) resid**

tabstat beta\_lag\_price sd\_lag\_prix\_fob t\_student\_lag\_pfob beta\_Fds\_tariff\_lise sd\_tariff t\_student\_tariff F\_stat F\_stat\_ tariff adj\_r\_square r\_square\_within, s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

**beta\_lag\_p~e | 0.7484 0.7400 0.7551 0.7663 0.0248 0.6616 0.7788**

sd\_lag\_pri~b | 0.0051 0.0040 0.0045 0.0065 0.0015 0.0037 0.0093

t\_student\_~b | 157.0699 113.2354 168.8432 191.1486 41.2314 82.8830 208.2313

**beta\_Fds\_t~e | -0.6324 -0.8858 -0.6079 -0.3639 0.3962 -1.8353 0.0534**

sd\_tariff | 0.0043 0.0024 0.0036 0.0052 0.0023 0.0021 0.0099

t\_student\_~f | -257.5990 -314.9698 -212.1133 -148.9325 178.2634 -809.6016 -56.9338

F\_stat | 1.32e+04 6436.5362 1.43e+04 1.83e+04 6174.8488 3452.2548 2.17e+04

**F\_stat\_tar~f | 10.7023 3.2757 6.6260 14.1188 11.4529 0.0008 53.4159**

adj\_r\_square | 0.7843 0.7809 0.7858 0.7899 0.0105 0.7438 0.8075

r\_square\_w~n | 0.5610 0.5424 0.5738 0.5846 0.0339 0.4373 0.5972

tabstat beta\_lag\_price sd\_lag\_prix\_fob t\_student\_lag\_pfob beta\_Fds\_tariff\_lise sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within **if year>2001**, s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

**beta\_lag\_p~e | 0.7628 0.7597 0.7644 0.7681 0.0074 0.7482 0.7726**

sd\_lag\_pri~b | 0.0039 0.0037 0.0039 0.0041 0.0002 0.0037 0.0042

t\_student\_~b | 196.0300 188.9071 195.5243 204.8747 8.2486 180.9670 208.2313

**beta\_Fds\_t~e | -0.6045 -0.8349 -0.6497 -0.3784 0.2941 -1.0132 -0.0050**

sd\_tariff | 0.0038 0.0030 0.0038 0.0046 0.0010 0.0026 0.0049

t\_student\_~f | -223.2200 -319.4329 -203.7747 -127.0071 124.6732 -383.8506 -101.4800

F\_stat | 1.93e+04 1.78e+04 1.91e+04 2.10e+04 1619.6619 1.64e+04 2.17e+04

**F\_stat\_tar~f | 8.7570 2.8763 6.7704 10.9460 8.7307 0.0008 36.0690**

adj\_r\_square | 0.7877 0.7852 0.7882 0.7914 0.0051 0.7764 0.7968

r\_square\_w~n | 0.5824 0.5764 0.5829 0.5894 0.0098 0.5604 0.5972

**Beta lag price**

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**Beta tariff**

****